

**Note:** An occurrence should be at least 50 ft before rating as block cracking.

#### Edge Cracking

**Low:** Cracks with no breakup or loss of material.

**Moderate:** Cracks with some breakup and loss of material for up to 10 percent of the length of the affected portion of the pavement.

**High:** Cracks with considerable breakup and loss of material for more than 10 percent of the length of the affected portion of the pavement.

**Note:** The combined quantity of edge cracking cannot exceed the length of the section.

Longitudinal and transverse cracking are reported by length and severity. Longitudinal cracks are those cracks which are predominantly parallel to the pavement centerline and transverse cracks are those cracks which are predominantly perpendicular to the pavement centerline. For these cracking distresses the sealed and unsealed cracking are differentiated. Also for the longitudinal cracking the distress is separated by wheel path and non-wheel path locations. The definitions applied for the severity are:

#### Longitudinal Cracking

**Low:** A crack with a mean width  $\leq 0.25$  in; or a sealed crack with sealant material in good condition and with a width that cannot be determined.

**Moderate:** Any crack with a mean width  $> 0.25$  in and  $\leq 0.75$  in; or any crack with a mean width  $\leq 0.75$  in and adjacent low severity random cracking.

**High:** Any crack with a mean width  $> 0.75$  in; or any crack with a mean width  $\leq 0.75$  in and adjacent moderate to high severity random cracking.

**Note:** Any wheel path longitudinal crack that has associated random cracking is rated as fatigue cracking. Any wheel path longitudinal crack that meanders and has a quantifiable area is rated as fatigue cracking.

#### Transverse Cracking

**Low:** An unsealed crack with a mean width  $\leq 0.25$  in; or a sealed crack with sealant material in good condition and with a width that cannot be determined.

**Moderate:** Any crack with a mean width  $> 0.25$  in and  $\leq 0.75$  in; or any crack with a mean width  $\leq 0.75$  in and adjacent low severity random cracking.

**High:** Any crack with a mean width  $> 0.75$  in; or any crack with a mean width  $\leq 0.75$  in and adjacent moderate to high severity random cracking.

**Note:** The length recorded is the total length of the well-sealed crack and is assigned to the severity level of the crack. Record only when the sealant is in good condition for at least 90 percent of the length of the crack.

**Note:** If the transverse crack extends through an area of fatigue cracking, the length of the crack within the fatigue area is not counted. The crack is treated as a single transverse crack, but at a reduced length.

**Note:** Cracks less than 1.0 ft in length are not recorded.

#### 3.6.1.2. Data Analysis and Results

Results from the AC-LTPP survey for the three reference survey sections are shown in Figure 3.86 through Figure 3.95. Note that sealed, non-wheel path longitudinal cracking is not shown since there was no consensus cracking observed and since only Fugro Roadware measured a